

SITE PLAN
1"=600'

LEGEND

- APPROXIMATE EXTENT OF SOLID WASTE MANAGEMENT UNIT (SWMU)
- EXISTING MONITORING WELL LOCATION
- SURVEYED GEOPROBE LOCATION INSTALLED IN 2004
- 5.51** BOLD VALUE INDICATES RESULT EXCEEDS RBC
- 5.51** SHADED VALUE INDICATES RESULT EXCEEDS MCL
- 5.51** SHADED AND BOLD VALUE INDICATES RESULT EXCEEDS RBC AND MCL
- PHASE I TEST PIT LOCATION
- OBJECT ENCOUNTERED IN PHASE I TEST PIT
- PHASE II TEST PIT LOCATION

SM15-GP04	Maximum Contaminant Level	Risk Based Concentration	SM15-GP04-01 11/4/2004 5-10 ft
Volatile Organic Compounds (ug/L)			
1,1,2,2-TETRACHLOROETHANE	NS	5.3E-02	180
1,1-DICHLOROETHENE	7.0E+00	3.5E+01	51J
ACETONE	NS	5.5E+02	1500
BENZENE	5.0E+00	3.4E-01	440L
CARBON TETRACHLORIDE	5.0E+00	1.6E-01	170
CHLOROFORM	NS	1.5E-01	2400
CIS-1,2-DICHLOROETHENE	7.0E+01	6.1E+00	19000
TETRACHLOROETHENE	5.0E+00	1.0E-01	48J
TOLUENE	1.0E+03	7.5E+01	2700L
TRANS-1,2-DICHLOROETHENE	1.0E+02	1.1E+01	40J
TRICHLOROETHENE	5.0E+00	2.6E-02	400
VINYL CHLORIDE	2.0E+00	1.5E-02	730
XYLENES, TOTAL	1.0E+04	2.1E+01	1200L

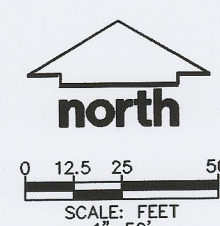
SM15-GP07	Maximum Contaminant Level	Risk Based Concentration	SM15-GP07-01 11/5/2004 12-14 ft
Volatile Organic Compounds (ug/L)			
1,1-DICHLOROETHANE	NS	9.0E+01	440
1,1-DICHLOROETHENE	7.0E+00	3.5E+01	130
2-BUTANONE	NS	7.0E+02	1600L
BENZENE	5.0E+00	3.4E-01	11000
CHLOROFORM	NS	1.5E-01	170
CIS-1,2-DICHLOROETHENE	7.0E+01	6.1E+00	30000
ETHYLBENZENE	7.0E+02	1.3E+02	1800
TETRACHLOROETHENE	5.0E+00	1.0E-01	21J
TOLUENE	1.0E+03	7.5E+01	2000
TRANS-1,2-DICHLOROETHENE	1.0E+02	1.1E+01	23J
TRICHLOROETHENE	5.0E+00	2.6E-02	31J
VINYL CHLORIDE	2.0E+00	1.5E-02	17000
XYLENES, TOTAL	1.0E+04	2.1E+01	3000

SM15-GP05	Maximum Contaminant Level	Risk Based Concentration	SM15-GP05-01 11/5/2004 12-14 ft
Volatile Organic Compounds (ug/L)			
1,1,1-TRICHLOROETHANE	2.0E+02	3.2E+02	210J
1,1,2-TRICHLOROETHANE	5.0E+00	1.9E-01	85J
1,1-DICHLOROETHANE	NS	9.0E+01	690
1,1-DICHLOROETHENE	7.0E+00	3.5E+01	310J
1,2-DICHLOROETHANE	5.0E+00	1.2E-01	160J
2-BUTANONE	NS	7.0E+02	9900L
ACETONE	NS	5.5E+02	14000L
BENZENE	5.0E+00	3.4E-01	1600
CHLOROFORM	NS	1.5E-01	2000
CIS-1,2-DICHLOROETHENE	7.0E+01	6.1E+00	57000
ETHYLBENZENE	7.0E+02	1.3E+02	3500
TETRACHLOROETHENE	5.0E+00	1.0E-01	130J
TOLUENE	1.0E+03	7.5E+01	3100
TRANS-1,2-DICHLOROETHENE	1.0E+02	1.1E+01	270J
VINYL CHLORIDE	2.0E+00	1.5E-02	19000
XYLENES, TOTAL	1.0E+04	2.1E+01	9700

SM15-GP06	Maximum Contaminant Level	Risk Based Concentration	SM15-GP06-01 11/5/2004 12-14 ft
Volatile Organic Compounds (ug/L)			
1,1-DICHLOROETHANE	NS	9.0E+01	440
1,1-DICHLOROETHENE	7.0E+00	3.5E+01	140
2-BUTANONE	NS	7.0E+02	4800L
ACETONE	NS	5.5E+02	4300L
BENZENE	5.0E+00	3.4E-01	1300
CHLOROBENZENE	100	1.1E+01	31J
CHLOROFORM	NS	1.5E-01	920
CIS-1,2-DICHLOROETHENE	7.0E+01	6.1E+00	32000
ETHYLBENZENE	7.0E+02	1.3E+02	2600
TETRACHLOROETHENE	5.0E+00	1.0E-01	30J
TOLUENE	1.0E+03	7.5E+01	2400
TRANS-1,2-DICHLOROETHENE	1.0E+02	1.1E+01	24J
TRICHLOROETHENE	5.0E+00	2.6E-02	29J
VINYL CHLORIDE	2.0E+00	1.5E-02	16000
XYLENES, TOTAL	1.0E+04	2.1E+01	8300

- Notes:
- MCL - Maximum Contaminant Level - US EPA Maximum Contaminant Level for groundwater (7/02).
 - RBC - US EPA Region III Risk-Based Concentration for tap water (October 2004).
 - NS - Indicates no established criteria.
 - Analytical results are presented for all compounds detected in samples from a particular hydropunch location.
 - Blank spaces in the analytical result tables indicate that the parameter was not analyzed.
 - MW-10 was installed at the location of SM15-GP05-01.

- Qualifiers
- U - Analyte was not detected above the indicated detection limit.
 - J - The reported concentration for this value may not be accurate or precise.
 - UJ - Analyte was not detected, the indicated detection limit may not be accurate or precise.
 - L - Analyte present. Reported value may be biased low. Actual value is expected to be higher.
 - UL - Analyte was not detected, the indicated detection limit may be biased low.
 - B - Not detected substantially above the levels reported in the field or laboratory blanks.
 - R - Result is rejected.
 - D - Compound quantitated on a diluted sample.
 - E - Concentration exceeds the calibration range of the instrument.
 - K - Analyte present. Reported value may be biased high.



SOURCE:
COMPILED BY PRO MAPS OF MORRISTOWN, NJ FROM AERIAL PHOTOGRAPHY FLOWN BY KEYSTONE AERIAL PHOTOGRAPHS OF PHILADELPHIA, PA. FLOWN AT 1"=400' USING DATUM OF NAD 83 SOUTH ZONE - PA AND NAVD 88. SURVEY SUPPORT BY JAMES M. STEWART OF PHILADELPHIA, PA.

Honeywell DELAWARE VALLEY
WORKS FACILITY
Route 13 (Delaware County)
Claymont, DE

MACTEC

HYDROPUNCH GROUNDWATER SAMPLE
ANALYTICAL EXCEEDANCES FOR SWMU 15
Project 3485-05-0043
Figure 17

Prepared/Date: MS 11/2005
Checked/Date: DJN 11/2005